



**PROJECT** \_\_\_\_\_

**TYPE** \_\_\_\_\_

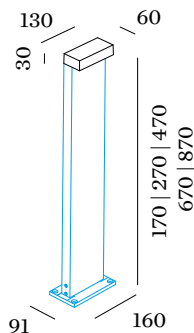
**NOTES** \_\_\_\_\_

**QUANTITY** \_\_\_\_\_

**DATE** \_\_\_\_\_



Floor surface mounted luminaire made from die-cast aluminium; surface Anthracite Grey; powder coated; matt texture; RAL 7016; direct light distribution; PCB 3-step binning; phase-cut dim; light colour 2700 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 220 - 240 V; degree of protection IP65; Class 1; fixation base not included; driver included; inclusive 1300mm cable; light source not replaceable; control gear replaceable by end-user;



**Luminaire**

Floor
Standing
Anthracite Grey
RAL 7016 <sup>a</sup>
IP65
Exterior
680 lm
680 lm

**Module**

2700 K
CRI $\geq 80$
L80 / 60000 h
initial MacAdam $\leq 3$ SDCM
678 lm
65 lm/W

**Optical**

Asymmetric
CIE flux code: 65 93 99 100 100

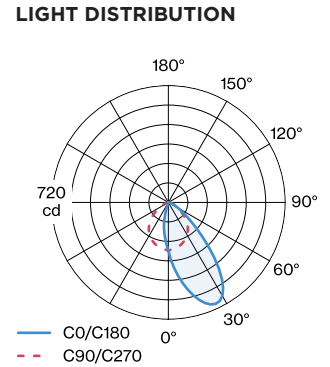
**Electrical**

phase-cut dim
220 - 240 V
system 10.5 W
Class 1

**Physical**

length 130 mm
width 60 mm
height 30 mm
0.65 kg

<sup>a</sup> Colour may deviate slightly due to production conditions.




**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.97	0.93	0.89	0.86	0.82
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup>According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

**BASE**
**Pole 170**

Type	Colour	Voltage	L·W·H (MM)	Item number
with fixation plate	Anthracite Grey		160-91-170	910013A0
with fixation plate	Black		160-91-170	910013B0
with fixation plate	Bronze		160-91-170	910013Q0
with concrete ground fixation	Anthracite Grey		130-30-170	910073A0
with concrete ground fixation	Black		130-30-170	910073B0
with concrete ground fixation	Bronze		130-30-170	910073Q0

**Pole 270**

Type	Colour	Voltage	L·W·H (MM)	Item number
with fixation plate	Anthracite Grey		160-91-270	910014A0
with fixation plate	Black		160-91-270	910014B0
with fixation plate	Bronze		160-91-270	910014Q0
with concrete ground fixation	Anthracite Grey		130-30-270	910074A0
with concrete ground fixation	Black		130-30-270	910074B0
with concrete ground fixation	Bronze		130-30-270	910074Q0

**Pole 470**

Type	Colour	Voltage	L·W·H (MM)	Item number
with fixation plate	Anthracite Grey		160-91-470	910016A0
with fixation plate	Black		160-91-470	910016B0
with fixation plate	Bronze		160-91-470	910016Q0
with concrete ground fixation	Anthracite Grey		130-30-470	910076A0
with concrete ground fixation	Black		130-30-470	910076B0
with concrete ground fixation	Bronze		130-30-470	910076Q0

**Pole 670**

Type	Colour	Voltage	L·W·H (MM)	Item number
with fixation plate	Anthracite Grey		160-91-670	910018A0
with fixation plate	Black		160-91-670	910018B0
with fixation plate	Bronze		160-91-670	910018Q0
with concrete ground fixation	Anthracite Grey		130-30-670	910078A0
with concrete ground fixation	Black		130-30-670	910078B0
with concrete ground fixation	Bronze		130-30-670	910078Q0


**Pole 870**

Type	Colour	Voltage	L·W·H (MM)	Item number
with fixation plate	Anthracite Grey		160·91·870	910010A0
with fixation plate	Black		160·91·870	910010B0
with fixation plate	Bronze		160·91·870	910010Q0
with concrete ground fixation	Anthracite Grey		130·30·870	910070A0
with concrete ground fixation	Black		130·30·870	910070B0
with concrete ground fixation	Bronze		130·30·870	910070Q0